CLAIMS

What is Claimed Is:

1. A method of treating a human suffering from an abnormal lipid distribution disorder, the method comprising administering to said subject a growth hormone and a statin-based therapeutic agent.

2. The method of claim 1, wherein said statin-based agent and said growth hormone are provided in a single pharmaceutical composition.

3. The method of claim 1, wherein said statin-based agent is provided in a first pharmaceutical composition and said growth hormone is provided in a second pharmaceutical composition.

4. The method of claim 1, wherein said growth hormone is recombinant growth hormone.

5. The method of claim 1, wherein said growth hormone has been isolated from an animal.

6. The method of claim 1, wherein said statin-based agent is a lovastatin or a lovastatin analog.

7. The method of claim 1, wherein said statin-based drug is selected from the group consisting of atorvastatin, pravastatin, simvastatin, lovastatin, and fluvastatin.

8. The method of claim 1, wherein said abnormal lipid distribution disorder is non-HIV-related lipodystrophy.

9. The method of claim 1, wherein said abnormal lipid distribution disorder is an HIV-related abnormal lipid distribution disorder.

10. The method of claim 9, wherein said HIV-related abnormal lipid distribution disorder is selected from the atherogenic dyslipidemia, hypertriglyceridemia, elevated levels of cholesterol, elevated levels of low-density-lipoprotein cholesterol, and low levels of high-density lipoprotein cholesterol.

11. The method of claim 1, wherein said subject manifests a symptom associated with diabetes related adiposity.

12. The method of claim 11, wherein said symptom is selected from the group consisting of insulin resistance, beta-cell dysfunction, loss of first phase insulin secretion, impaired glucose tolerance (IGT), elevated endogenous glucose production, excessive gluconeogenesis,

13. The method of claim 1, wherein said subject is suffering from Type 2 Diabetes.

14. The method of claim 11, wherein subject is further treated for diabetes, the method comprising administering an insulin secretagogue.

15. The method of claim 14, wherein said insulin secretagogue is selected from the group consisting of a sulphonylurea; tolbutamide; chlorpropamide; glimepiride; glipizide; glyburide; a meglitinides; repaglinide; pramlintide; morphilinoguanide; acetylcholine; a muscarinic agonist; carbachol; bethanechol; beta-L-glucose pentaacetate; chiro-inositol; myo-inositol; GIP; GLP-1; and Extendin-4.

16. The method of claim 15, wherein said insulin secretagogue is a non-glucose dependent insulin secretagogue, and the combined effect of administering said growth hormone, statin and insulin secretagogue produces insulin release patterns capable of attaining glucose dependent, bi-phasic release characteristics with reduced likelihood of producing hypoglycemia.

17. The method of claim 1, wherein said subject is further treated with leptin.

18. A therapeutic agent for use in combination therapy for an abnormal lipid distribution disorder, said composition comprising:

a. a first composition comprising a recombinant growth hormone in a pharmaceutically acceptable carrier, excipient or diluent; and

b. a second composition comprising a statin-based drug in a pharmaceutically acceptable carrier, excipient or diluent.

19. The therapeutic agent of claim 18, wherein said growth hormone and said statin-based drug are formulated in a single formulation.

20. The therapeutic agent of claim of claim 18, wherein said growth hormone is formulated in a separate formulation from said statin-based drug formulation.

21. The therapeutic agent of claim 20, wherein said growth hormone formulation and said statin-based drug formulation are formulated as injectable formulations.

22. The therapeutic agent of claim 20, wherein said statin-based drug formulation is formulated for oral administration.

23. The therapeutic agent of claim 20, wherein said statin-based drug is a lovastatin or an analog thereof.

24. The therapeutic agent of claim 20, wherein said statin-based drug is selected from the group consisting of atorvastatin, pravastatin, simvastatin, lovastatin, and fluvastatin.